

# STEM Action Center – Professional Learning Grants

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## Classroom Impacts of STEM Professional Learning Grants



### Teacher Improvement

More than 98% of teachers said participation encourages self-reflection as a professional learning strategy.

#### Content Knowledge

Teachers agreed that participating in STEM Professional Learning has increased their...



97% STEM content knowledge.



97% ability to explain concepts in more than one way.



97% ability to use media and technology.



#### Quick Facts

58 personalized STEM professional learning opportunities.



29 grants extend over a period of three years.



5,592 teacher and administrator participants



#### Student Improvement



#### Pedagogy



More than 90% of teachers surveyed said that the STEM Professional Learning grants helped them teach their students how to communicate effectively, think critically, think creatively, and collaborate.



Teachers agreed that participation helped them prepare students to be self-directed learners.



Teachers agreed that participation helped them provide students additional opportunities to engage in real-world problem-solving.

Teachers agreed that participating in STEM Professional Learning helped them...

97% engage with students more equitably.



95% use data and evidence to make changes in instruction.



93% analyze student errors and misconceptions and adjust my teaching.

